

In claim 9 the correction has been made to replace "gemenalized" with "generalized."

In claim 9 the word "DFT" is retained since the definition "Discrete Fourier Transform (DFT)" is given in line 22 in amended claim 1.

2. Claim Rejections - 35 USC § 101

Claims 7-9 have been amended to describe the code generation and code implementation in the encoders of CDMA transmitters and in the decoders of CDMA receivers, for CDMA communication links. The description enables anyone versed in CDMA communications to generate these codes and to implement these codes as replacements for the current real Walsh codes in CDMA communications equipment transmitters and receivers. These practical applications are intended to satisfy the requirement in 35 U.S.C. 101.

3. Claim Rejections - 35 USC § 101

Amended claims 7-9 describe a new set of complex codes and their implementation in CDMA communications equipment to replace the current real Walsh codes and which satisfy "Whoever invents or discovers any new and useful process, . . . , or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title" read in 35 U.S.C. 101.

4. Claim Rejections - 35 USC § 101

Claim 9 has been amended to describe the generation and implementation of examples for each of the code-combining techniques "tensor product", "direct product", "functional combining", and combinations thereof. Each example describes the

generation of the codes in the encoders and decoders of CDMA communications equipment and their application as replacements for the current real Walsh codes in the encoders and decoders. The examples and description are sufficient to enable anyone versed in CDMA communications to construct and implement these codes for general applications.

5. Claim Rejections - 35 USC § 101

In claim 9 the sufficient antecedent basis for "said Hadamard", "said Walsh", and "said DFT" has been provided in claim 7.

Thanks for all of your help and guidance.

Sincerely,



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